

PCT REC'D PCT/PTO 25 JUL 2006

ATTORNEY'S DOCKET NUMBER

4933/PCT

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/587345
to be assigned new

PRIORITY DATE CLAIMED

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE
PCT/DE2005/001206	7 July 2005 (07.07.05)

TITLE OF INVENTION ARRANGEMENT FOR DETECTION OF A SHAFT BREAK IN A GAS TURBINE AS WELL AS A GAS TURBINE

APPLICANT(S) FOR DO/EO/US

Christopher BILSON, Ian FITZGERALD

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto, along with a Translator's Declaration. The Translation is accurate.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form PTO-1449, 1 Engl. abstract, copy and English translation of International Search Report.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A FIRST preliminary amendment.
14. A SECOND or SUBSEQUENT preliminary amendment.
15. A substitute specification.
16. A change of power of attorney and/or address letter.
17. Other items or information:
 - a) a return receipt postcard;
 - b) Form PTO-2038;
 - c) 1 Fig. on 1 sheet of Formal Drawings.

NOTE: The priority of German Patent Application 10 2004 033 924.4, filed in the Federal Republic of Germany on July 14, 2004 is claimed for the present Application under 35 USC §119.

NOTE: The entire disclosure of PCT International Application PCT/DE2005/001206 is incorporated herein by reference.

NOTE: This Application has been assigned to: MTU Aero Engines GmbH of: Dachauer Strasse 665, D-80995 Muenchen, Federal Republic of Germany.

NOTE: Please print the Assignee data with the Published Application.

USPS EXPRESS MAIL
EV 636 852 134 US
JULY 25 2006

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CALCULATIONS PTO USE ONLY

21. The following fees are submitted:

-BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):

Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO. \$1040.00

National Phase filing fee (\$300), Search fee (\$400), Examination fee (\$200) = \$900.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO -\$740.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) -\$740.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) -\$100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$ 900.00

Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 0

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$
Total claims	16 - 20 =	0	x \$18.00	\$ 0
Independent claims	2 - 3 =	0	x \$84.00	\$ 0
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	\$ 0

TOTAL OF ABOVE CALCULATIONS = \$ 900.00

 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.

\$ 0

SUBTOTAL = \$ 900.00

Processing fee of \$130.00 for furnishing the English translation later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(f)).

\$ 0

TOTAL NATIONAL FEE = \$ 900.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$ 40.00

TOTAL FEES ENCLOSED = \$ 940.00

Amount to be refunded: \$

charged: \$

- a. A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0507. ~~XXMPCACREXORYMHDIEKXASAKKXKX~~
- d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

The Power of Attorney and the Correspondence Address for this Application are to
CUSTOMER NO.: 021553.

USPS EXPRESS MAIL
EV 636 852 134 US
JULY 25 2006


SIGNATURE
Walter F. Fasse - 7/25/06
NAME
36132
REGISTRATION NUMBER